

Title (en)

Hydraulic cylinder, in particular main cylinder for hydraulic brake system

Title (de)

Hydraulikzylinder, insbesondere Hauptbremszylinder für hydraulische Bremsanlagen

Title (fr)

Cylindre hydraulique, notamment maître cylindre pour système de freinage hydraulique

Publication

EP 1666325 A1 20060607 (DE)

Application

EP 05025835 A 20051126

Priority

DE 102004057374 A 20041126

Abstract (en)

The cylinder has pistons each exhibiting a pressure chamber and a central valve (22), which is opened in a resting position of the piston to connect a pressure chamber with an equalization and castor connection over a piston channel. A valve body (34) is provided with a passage between a seal hub (30) at the piston channel and a guide section, over which the pressure chamber communicates with the channel by the opened valve.

IPC 8 full level

B60T 11/232 (2006.01)

CPC (source: EP)

B60T 11/232 (2013.01)

Citation (applicant)

- DE 9421291 U1 19950817 - LUCAS IND PLC [GB]
- US 6434931 B1 20020820 - SHAW SCHUYLER S [US], et al
- DE 3607367 A1 19870910 - TEVES GMBH ALFRED [DE]

Citation (search report)

- [DA] US 6434931 B1 20020820 - SHAW SCHUYLER S [US], et al
- [A] DE 4202217 A1 19930729 - TEVES GMBH ALFRED [DE]
- [A] US 4753075 A 19880628 - NOMURA YOSHIHISA [JP], et al
- [A] US 6065292 A 20000523 - UNTERBERG HARTMUT [DE]

Cited by

CN108273805A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1666325 A1 20060607; EP 1666325 B1 20080409; DE 102004057374 A1 20060601; DE 502005003632 D1 20080521

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